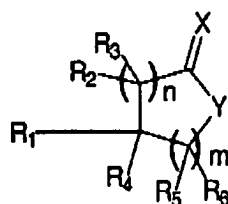


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**Amendments to the Claims:**

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Canceled)
2. (Currently Amended) The radiation curable composition of claim ~~1~~5, wherein the components comprise
  - A a radiation curable oligomer (A) and
  - B a diluent (B).
3. (Original) The radiation curable composition of claim 2, wherein the diluent (B) is a reactive diluent (B).
4. (Currently Amended) The radiation curable composition according to claim ~~1~~5, wherein the functional group, when attached to an acrylate group, has a Boltzmann average dipole moment of higher than 4.5 Debye.
5. (Currently Amended) ~~A~~ The radiation curable composition according to ~~claim 1~~, wherein one or more components are present that are chosen from the group consisting of ketenes compounds (C1) according to the formula (1):



wherein R<sub>1</sub> = organic group with a molecular weight between 40 and 20000; R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub>, R<sub>5</sub>, R<sub>6</sub> and

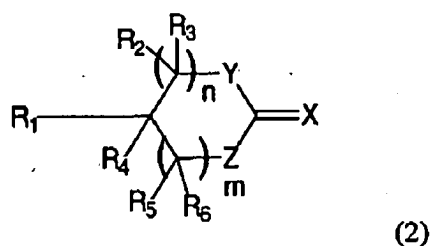
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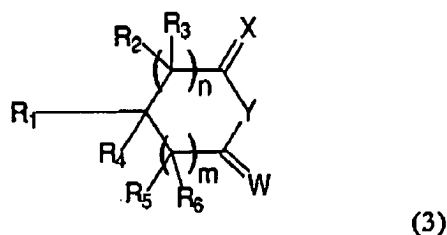
$R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P; X is an oxygen or sulfur atom; Y is an oxygen or sulfur atom or an  $NR_7$ -group; n is 0-4; m is 0-4 and  $n+m=1-4$ ;

or cyclic carbonates compounds (C2) according to formula (2):



wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3, R_4, R_5, R_6$  and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X is an oxygen or sulfur atom; Y and Z are independently an oxygen or sulfur atom or an  $NR_7$ -group; n is 0-4; m is 0-4 and  $n+m=1-4$ , but ~~excluding the compound wherein  $n=1, m=0, R_2, R_3, R_4=H$  and  $R_1=CH_2CHCO_2CH_2$  or  $R_1=CH_2CCH_2CO_2CH_2$~~

or compounds (C3) according to the formula (3):



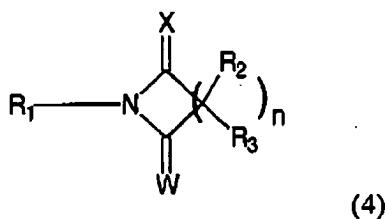
wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3, R_4, R_5, R_6$  and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl

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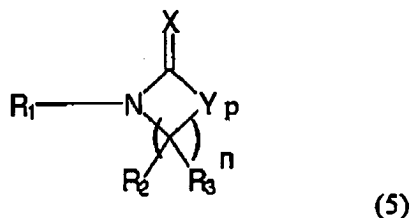
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group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X and W are independently an oxygen or sulfur atom; Y is an oxygen or sulfur atom or an NR<sub>7</sub>-group; n is 0-4; m is 0-4 and n+m = 1-4; or a compound (C4) according to the formula (4):



wherein R<sub>1</sub> = organic group with a molecular weight between 40 and 20000; R<sub>2</sub>, and R<sub>3</sub>, are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X and W are independently an oxygen or sulfur atom; n is 1-4; or a compound (C5) according to the formula (5):

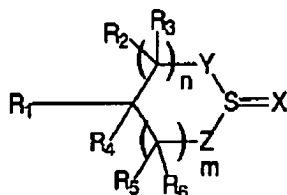


wherein R<sub>1</sub> = organic group with a molecular weight between 40 and 20000; R<sub>2</sub>, and R<sub>3</sub> are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X is an oxygen or sulfur atom; Y is an oxygen or sulfur atom or an NR<sub>7</sub>-group; n is 1-5; p = 0, 1; but excluding a compound wherein R<sub>1</sub>=CH<sub>2</sub>CHCO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub> or R<sub>1</sub>=CH<sub>2</sub>CCH<sub>3</sub>CO<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub> with n=2, 3 and X = Y = oxygen, or a compound (C6) according to the formula (6):

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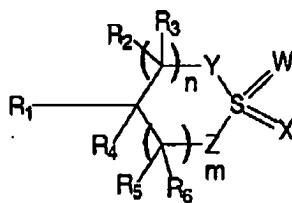
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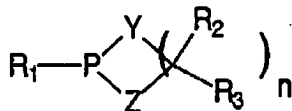
(6)

wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3, R_4, R_5, R_6$  and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X is an oxygen or sulfur atom; Y and Z are independently an oxygen or sulfur atom or an  $NR_7$ -group; n is 0-4; m is 0-4 and  $n+m = 1-4$ , or a compound (C7) according to the formula (7):



(7)

wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3, R_4, R_5, R_6$  and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; W, X, Y and Z are independently an oxygen or sulfur atom or an  $NR_7$ -group with the proviso that W and X are not both an  $NR_7$ -group at the same time; n is 1-4; or a compound (C8) according to the formula (8):



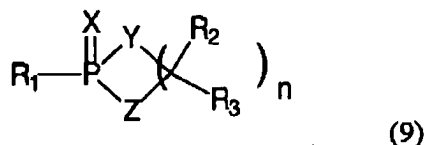
(8)

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wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3$ , and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X is an oxygen or sulfur atom; Y and Z are independently an oxygen or sulfur atom or an  $NR_7$ -group; n is 1-4;  
or a compound (C9) according to the formula (9):



wherein  $R_1$  = organic group with a molecular weight between 40 and 20000;  $R_2, R_3$ , and  $R_7$  are independently of each other H, an alkyl group having 1-20 C atoms, wherein the alkyl group can be linear, branched or cyclic and may contain heteroatoms like =N, O, S and P or an aryl group having from 6-20 C-atoms; X is an oxygen or sulfur atom; Y is an oxygen or sulfur atom or an  $NR_7$ -group; n is 1-4.

6. (Original) The radiation curable composition according to claim 5, wherein at least one of the  $R_1$  to  $R_7$  groups contains a radiation curable functional group.
7. (Previously presented) The radiation curable composition according to claim 6, wherein the radiation curable oligomer (A) or diluent (B) comprises a NH- or OH-group.
8. (Currently Amended) The radiation curable composition according to claim ~~4~~5, wherein the component that contains a functional group also has a radiation curable functional group selected from the group consisting of methacrylate, acrylate, vinylether, fumarate, maleate, itaconate, oxolane or epoxy group.

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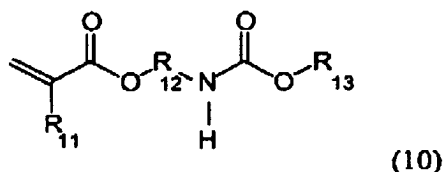
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9. (Currently Amended) The radiation curable composition according to claim 15, wherein the component that contains a functional group also has a radiation curable functional group selected from the group consisting of methacrylate, acrylate, vinyl ether, fumarate, maleate, itaconate, oxolane or epoxy group.

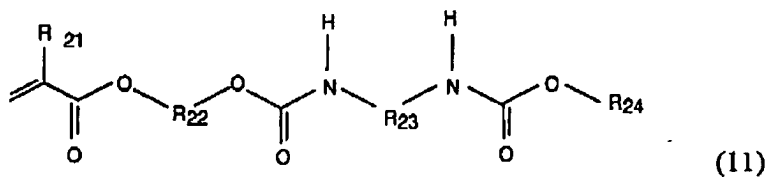
10. (Original) The radiation curable composition according to claim 9, wherein the radiation curable functional group is a methacrylate or an acrylate group.

11. (Currently Amended) The radiation curable composition according to claim 15, wherein a radiation curable diluent is present, which is a compound according to the formula (10):



wherein  $R_{11}$  = H or Me,  $R_{12}$  = organic group having 1-20 C-atoms and  $R_{13}$  is a heterocyclic group of which the corresponding alcohol has a calculated Boltzmann average dipole moment of > 2.5 Debye.

12. (Currently Amended) The radiation curable composition according to claim 15, wherein a radiation curable diluent is present, which is a compound according to the formula (11):



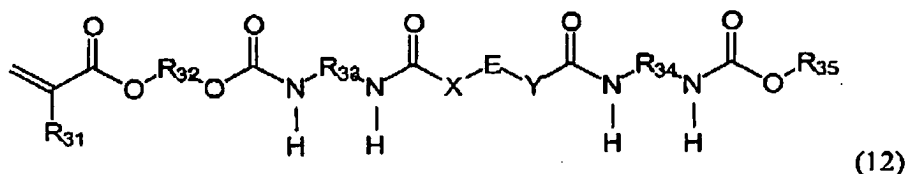
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wherein  $R_{21}$  = H or Me,  $R_{22}$  = organic group having 1-20 C-atoms,  $R_{23}$  = organic group having 1-20 C atoms and  $R_{24}$  is a heterocyclic group of which the corresponding alcohol has a calculated Boltzmann average dipole moment of > 2.5 Debye.

13. (Currently Amended) The radiation curable composition according to claim 45, wherein a radiation curable component is present according to the formula (12):



wherein  $R_{31}$  = H or Me,  $R_{32}$ ,  $R_{33}$  and  $R_{34}$  = are independently an organic group having 1-20 C atoms, E is an oligomer or polymer with a molecular weight between 100 and 100000, X and Y are independently oxygen, ~~sulphur~~-sulfur or a  $NR_7$ -group, and  $R_{35}$  is a heterocyclic group of which the corresponding alcohol has a calculated Boltzmann average dipole moment of > 2.5 Debye.

14. (Original) The radiation curable composition according to claim 13, wherein E has a molecular weight between 500 and 10000.

15. (Currently Amended) The radiation curable composition according to claim 45, wherein the component that contains a functional group which, when attached to an acrylate group, has a calculated Boltzmann average dipole moment of greater than 3.5 Debye or the component containing a heterocyclic group of which the corresponding alcohol has a calculated Boltzmann average dipole moment of greater than 2.5 Debye is present in an amount of at least about 3 wt.% relative to the total amount of components in the composition.

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16. (Original) The radiation curable composition of claim 15, wherein the component that contains a functional group or the component that contains a heterocyclic group is present in an amount of at least about 5 wt.% relative to the total amount of components in the composition.

17-21. (Canceled).

22. (Currently Amended) The radiation curable composition as defined in claim ~~15~~, wherein said composition is a coating composition, an adhesive composition, or an ink composition..

23. (Canceled)

24. (Currently Amended) The radiation curable composition as defined in claim ~~15~~, wherein said composition is a glass fiber coating composition.

25-34. (Canceled).

35. (Previously presented) The composition of claim 5, wherein said composition comprises a component according to said formula (2).

36. (Canceled)

37. (Previously presented) The composition of claim 35, wherein Y represents an oxygen atom and wherein Z represents an NR<sub>7</sub>-group.

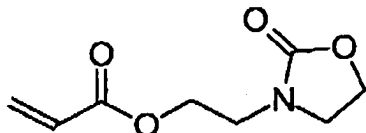
38. (Canceled).

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39. (Previously presented) A composition comprising the following component:



40. (Previously presented) The composition of claim 15, wherein said composition is a stereolithography composition.
41. (New) The composition of claim 35, wherein the  $n+m$  in formula (2) equals 1, and Y represents an oxygen atom and Z represents an  $\text{NR}_7$ -group.